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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/015,328

DATE: 06/04/2002
 TIME: 12:45:05

Input Set : A:\EP.txt
 Output Set: N:\CRF3\06042002\J015328.raw

ENTERED

3 <110> APPLICANT: Bristol-Myers Squibb Company
 4 Han, Amy Qi
 5 Glunz, Peter W.
 7 <120> TITLE OF INVENTION: Imidazolidinones and Their Related Derivatives as Hepatitis
 C Virus NS3
 8 Protease Inhibitors
 10 <130> FILE REFERENCE: PH-7203
 12 <140> CURRENT APPLICATION NUMBER: US 10/015,328
 13 <141> CURRENT FILING DATE: 2001-12-12
 15 <150> PRIOR APPLICATION NUMBER: US 60/255,168
 16 <151> PRIOR FILING DATE: 2000-12-13
 18 <160> NUMBER OF SEQ ID NOS: 11
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 5
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 43A
 pept
 29 ide synthesizer using readily available materials well known to o
 30 rdinarily skilled artisans
 32 <400> SEQUENCE: 1
 34 Met Gly Ala Gln His
 35 1 5
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 15
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 43A
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 45 ide synthesizer using readily available materials well known to o
 46 rdinarily skilled artisans
 48 <400> SEQUENCE: 2
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 51 1 5 10 15
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 9
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Peptide ester substrate synthesized by methods disclosed in
 Talia

61 ni et al., Anal. Biochem., 240, 60-67, 1996.

63 <220> FEATURE:

64 <221> NAME/KEY: ACETYLTATION

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65 <222> LOCATION: (1)..(1)
66 <223> OTHER INFORMATION: acetyl group
69 <220> FEATURE:
70 <221> NAME/KEY: MOD_RES
71 <222> LOCATION: (3)..(3)
72 <223> OTHER INFORMATION: Aspartic acid modified with EDANS, 5-[(2'-aminoethyl)amino]
naphth
73 ylene sulfonic acid
76 <220> FEATURE:
77 <221> NAME/KEY: MISC_FEATURE
78 <222> LOCATION: (6)..(6)
79 <223> OTHER INFORMATION: 2-amino butyric acid bonded through an ester group
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (9)..(9)
85 <223> OTHER INFORMATION: Lysine modified by Dabcyl; 4-[[4'(dimethylamino)phenyl]azo]
benzoi
86 c acid
89 <400> SEQUENCE: 3
91 Asp Glu Asp Glu Glu Xaa Ala Ser Lys
92 1 5
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 4
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 43A
pept
102 ide synthesizer using readily available materials well known to o
103 rdinarily skilled artisans
105 <220> FEATURE:
106 <221> NAME/KEY: ACETYLATION
107 <222> LOCATION: (1)..(1)
108 <223> OTHER INFORMATION: Acetylation
111 <220> FEATURE:
112 <221> NAME/KEY: AMIDATION
113 <222> LOCATION: (4)..(4)
114 <223> OTHER INFORMATION: para-nitroaniline
117 <400> SEQUENCE: 4
119 Glu Glu Ala Cys
120 1
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124 <211> LENGTH: 6
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128 <220> FEATURE:
129 <223> OTHER INFORMATION: Synthesized by standard organic chemistry laboratory
methods.
131 <220> FEATURE:
132 <221> NAME/KEY: MISC_FEATURE
133 <222> LOCATION: (6)..(6)
134 <223> OTHER INFORMATION: Boro-allylglycine
137 <400> SEQUENCE: 5

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 140 1 5
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 149 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 43A

pept
 150 ide synthesizer using readily available materials well known to o
 151 rdinarily skilled artisans
 153 <400> SEQUENCE: 6
 155 Lys Lys Gly Ser Val Val Ile Val Gly Arg Ile Val Leu Ser Gly Lys
 156 1 5 10 15
 159 Pro Ala Ile Ile Pro Lys Lys
 160 20
 163 <210> SEQ ID NO: 7
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 169 <223> OTHER INFORMATION: Synthesized by standard organic chemistry laboratory

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 172 <221> NAME/KEY: MISC_FEATURE
 173 <222> LOCATION: (6)..(6)
 174 <223> OTHER INFORMATION: Boro-allylglycine pinanediol ester
 177 <400> SEQUENCE: 7

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 180 1 5
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 184 <211> LENGTH: 5
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 200 <222> LOCATION: (2)..(2)
 201 <223> OTHER INFORMATION: Gamma-Carboxy Ester: t-Butyl
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 207 1 5
 210 <210> SEQ ID NO: 9
 211 <211> LENGTH: 4
 212 <212> TYPE: PRT

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Input Set : A:\EP.txt

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213 <213> ORGANISM: Artificial Sequence
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216 <223> OTHER INFORMATION: Synthesized by standard organic chemistry laboratory
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219 <221> NAME/KEY: MOD_RES
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221 <223> OTHER INFORMATION: N-terminal Protecting Group: benzyloxycarbonyl
222   Gamma-Carboxy Ester: t-Butyl
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226 <221> NAME/KEY: MOD_RES
227 <222> LOCATION: (4)..(4)
228 <223> OTHER INFORMATION: Benzyl Esterification
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259 <212> TYPE: PRT
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263 <223> OTHER INFORMATION: Synthesized by standard organic chemistry laboratory
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265 <220> FEATURE:
266 <221> NAME/KEY: MOD_RES
267 <222> LOCATION: (1)..(1)
268 <223> OTHER INFORMATION: N-terminal Protecting Group: t-Butoxycarbonyl
269   Delta-Carboxy Ester: t-Butyl
272 <220> FEATURE:
273 <221> NAME/KEY: MOD_RES
274 <222> LOCATION: (2)..(2)
275 <223> OTHER INFORMATION: Gamma-Carboxy Ester: t-Butyl
278 <220> FEATURE:
279 <221> NAME/KEY: MISC_FEATURE
280 <222> LOCATION: (6)..(6)
281 <223> OTHER INFORMATION: Boro-allylglycine pinanediol ester
284 <400> SEQUENCE: 11
286 Asp Glu Val Val Pro Xaa

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/015,328

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TIME: 12:45:06

Input Set : A:\EP.txt
Output Set: N:\CRF3\06042002\J015328.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 6
Seq#:5; Xaa Pos. 6
Seq#:7; Xaa Pos. 6
Seq#:11; Xaa Pos. 6